

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 45 AMENDMENT	685-344-02-24 -89	99

TASK TITLE: (NTE 80 characters; include Project name)

SPIRE Electrical Systems Engineering and Electronics Design

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Robert L. Kasa <i>[Signature]</i>	DATE 4/26/99	ORG CODE 564	MAIL CODE 564	PHONE 301-286-8043
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BRANCH HEAD

Robert L. Kasa <i>[Signature]</i>	DATE 4/26/99	CODE 564	PHONE 301-286-8043
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Fred Huegel <i>[Signature]</i>	DATE 4/27/99	CODE 568	PHONE 301-286-2285
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE
(If YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

☒ NO ☐ YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:
Date:

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☐ NO ☐ YES ☒ N/A

Government Furnished Property/Facilities: ☒ NO ☐ YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	<input checked="" type="checkbox"/> No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ _____.

The target fee of this task order is \$ _____.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ _____.

The maximum fee is \$ _____.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

SIGNATURE OF CONTRACTING OFFICER

DATE

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. / TASK NO.		
QSS Group, Inc.	NAS5- 99124	TASK NO. 45	AMENDMENT

Applicable paragraphs from contract Statement of Work: 2D, 2E

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall provide the following engineering design and test services for the SPIRE instrument conceptual design phase:

- Using existing proof-of-concept designs, and latest requirements and specifications, apply mixed signal design skills to complete the design of the instrument electronics.
- Assist with the electrical systems engineering function, performing studies and analyses.
- Perform/participate in breadboard tests to verify critical elements of the design.
- Prepare for, and participate in, the Preliminary Design Review.
- Develop a design and development package that addresses electrical/thermal/mechanical requirements and includes fabrication and assembly plans for the flight electronics (identification of flight parts, spares philosophy, radiation test requirements, etc.).

PERFORMANCE SPECIFICATIONS:

Designs, specifications, and plans are to be produced in accordance with applicable documents (see below) and industry standard practices.

APPLICABLE DOCUMENTS:

GPG 8700.1, Design Planning and Interface Management
GPG 8700.2, Design Development
500-PG-8700.2.2, Electronics Design and Development Guidelines

TASK END DATE: 9/30/99**MILESTONES/DELIVERABLES AND DATES:**

Preliminary Design Review: July 31, 1999
Electronics design and development package (per E above) -- September 30, 1999

PERFORMANCE STANDARDS:

Schedule: On-time completion/delivery of the above milestones/deliverables
Technical: ATR's acceptance of design and development package

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

James N. Caldwell, building 20, room 178